

4-1 Skills Practice**Graphing Equations in Slope-Intercept Form**

Write an equation of a line in slope-intercept form with the given slope and y-intercept.

1. slope: 5, y-intercept: -3

2. slope: -2 , y-intercept: 7

3. slope: -6 , y-intercept: -2

4. slope: 7 , y-intercept: 1

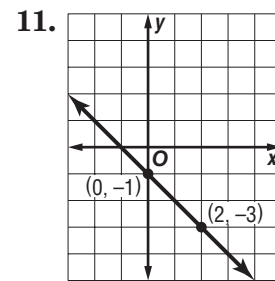
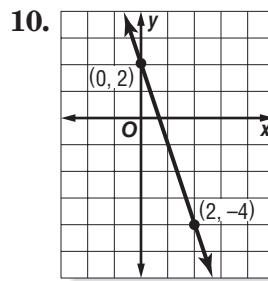
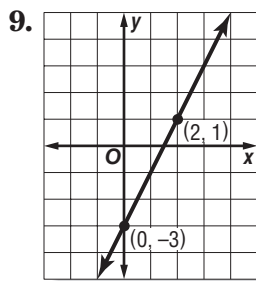
5. slope: 3 , y-intercept: 2

6. slope: -4 , y-intercept: -9

7. slope: 1 , y-intercept: -12

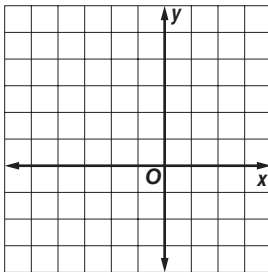
8. slope: 0 , y-intercept: 8

Write an equation in slope-intercept form for each graph shown.

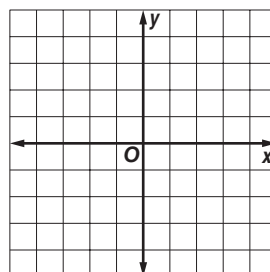


Graph each equation.

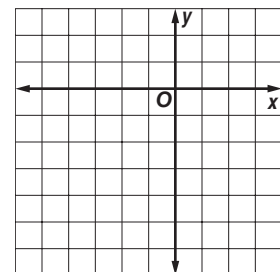
12. $y = x + 4$



13. $y = -2x - 1$



14. $x + y = -3$



15. VIDEO RENTALS A video store charges \$10 for a rental card plus \$2 per rental.

a. Write an equation in slope-intercept form for the total cost c of buying a rental card and renting m movies.

b. Graph the equation.

c. Find the cost of buying a rental card and 6 movies.

**Video Store
Rental Costs**

